

LIGHTING COMPLIANCE SUMMARY

2021 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1

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|                                                                                                                                              |                 |                                                       |  |                                                                                                                                                 |                    |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Project & Applicant Information                                                                                                              | Project Title   | Wesley Bradley Park Phase 2 - Care Center - 2021 WSEC |  | For Building Department Use:<br><br><b>PRCNC20240424</b><br> | Date: Dec 03, 2024 |
|                                                                                                                                              | Project Address | 707 39th Ave. SE<br>Puyallup, WA 98374                |  |                                                                                                                                                 |                    |
|                                                                                                                                              | Applicant Name  | Jill Krance                                           |  |                                                                                                                                                 |                    |
|                                                                                                                                              | Applicant Phone | 952-252-4822                                          |  |                                                                                                                                                 |                    |
|                                                                                                                                              | Applicant Email | jill.krance@INSITEARCHITECT.COM                       |  |                                                                                                                                                 |                    |
| For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com |                 |                                                       |  |                                                                                                                                                 |                    |

|                              |                                                                                                                            |                                         |                                        |                           |                                   |                           |                      |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|---------------------------|-----------------------------------|---------------------------|----------------------|
| General Occupancy            | All Commercial                                                                                                             |                                         | General Building Use Type              |                           | Healthcare, Senior Care Community | Building Cond. Floor Area | 37,315               |
| General Project Types        | New Building                                                                                                               | New Building or Addition Lighting Scope | Interior Lighting<br>Exterior Lighting | Alteration Lighting Scope |                                   | Project Cond. Floor Area  | 37,315               |
|                              |                                                                                                                            |                                         |                                        |                           |                                   | Floors Above Grade        | 1                    |
|                              |                                                                                                                            |                                         |                                        |                           |                                   | Compliance Method         | General Prescriptive |
| Lighting Project Description | Skilled nursing addition with interior LED lighting & dimmer control. Exterior lighting shall be controlled by photo-cell. |                                         |                                        |                           |                                   |                           |                      |

|                                                      |                                                     |                                                                 |                                         |                   |                                                                        |                         |
|------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------|-------------------|------------------------------------------------------------------------|-------------------------|
| Lighting Compliance Scope and Method                 | Project Type                                        | Interior / Exterior (Interior includes both interior & parking) | Luminaire Replacement Scope             | Compliance Method | LPA Calculation Adjustment                                             | Compliance Verification |
|                                                      | New Building                                        | Interior Lighting                                               |                                         | Building area     | No Calculation Adjustments selected                                    | COMPLIES                |
|                                                      | New Building                                        | Exterior Lighting                                               |                                         |                   | Not applicable to exterior                                             | COMPLIES                |
| Additional Energy Efficiency (AEC) Measures Included | Reduced lighting power density - 10% lower than LPA |                                                                 | Load Management (LDM) Measures Included |                   | No lighting or electrical load management measures included in project |                         |

|                            |                                                       |  |                            |                         |          |              |
|----------------------------|-------------------------------------------------------|--|----------------------------|-------------------------|----------|--------------|
| Project Title              | Wesley Bradley Park Phase 2 - Care Center - 2021 WSEC |  |                            |                         | Date     | Dec 03, 2024 |
| Lighting Power Calculation | NEW BUILDING - INTERIOR LIGHTING                      |  |                            | Compliance Verification | COMPLIES |              |
| Compliance Method          | Building area                                         |  | LPA Calculation Adjustment |                         |          | LPA x 0.9    |

|                                                   |                          |                |                                      |                                       |                                    |
|---------------------------------------------------|--------------------------|----------------|--------------------------------------|---------------------------------------|------------------------------------|
| Interior Lighting Power Allowance - Building Area |                          |                |                                      |                                       |                                    |
| Building Areas                                    | Gross Interior Area (SF) | LPA (Watts/SF) | Total Watts Allowed (SF x LPA x 0.9) | Total Proposed Watts By Building Area | Compliance Status by Building Area |
| Hospital                                          | 37,388                   | 0.84           | 28,265                               | 25,326                                | COMPLIES                           |

|                                 |            |               |                           |                                               |                                           |                        |                              |                                                |
|---------------------------------|------------|---------------|---------------------------|-----------------------------------------------|-------------------------------------------|------------------------|------------------------------|------------------------------------------------|
| Proposed Lighting Power Density |            |               |                           |                                               |                                           |                        |                              |                                                |
| Fixture Type/Application        | Fixture ID | Building Area | New or Existing-to-Remain | Quantity of Fixtures, CLDs or Luminaires (#F) | Watts per Fixture, CLD or Luminaire (WpF) | Total Linear Feet (LF) | Watts per Linear Foot (WpLF) | Total Watts Proposed (#F x WpF) or (LF x WpLF) |
| Individual Fixtures             |            |               |                           |                                               |                                           |                        |                              |                                                |
| Decorative                      | U2         | Hospital      | New                       | 45                                            | 45                                        |                        |                              | 2,025                                          |
| Decorative                      | C1         | Hospital      | New                       | 13                                            | 30                                        |                        |                              | 390                                            |
| Decorative                      | C2         | Hospital      | New                       | 16                                            | 40                                        |                        |                              | 640                                            |
| Decorative                      | C3         | Hospital      | New                       | 9                                             | 33                                        |                        |                              | 297                                            |
| Decorative                      | C4         | Hospital      | New                       | 20                                            | 30                                        |                        |                              | 600                                            |
| Decorative                      | C5         | Hospital      | New                       | 8                                             | 30                                        |                        |                              | 240                                            |
| Decorative                      | C6         | Hospital      | New                       | 1                                             | 33                                        |                        |                              | 33                                             |
| Decorative                      | C7         | Hospital      | New                       | 12                                            | 20                                        |                        |                              | 240                                            |
| Decorative                      | C8         | Hospital      | New                       | 4                                             | 8                                         |                        |                              | 32                                             |
| Decorative                      | C10        | Hospital      | New                       | 1                                             | 30                                        |                        |                              | 30                                             |

|                           |     |          |     |     |     |  |       |
|---------------------------|-----|----------|-----|-----|-----|--|-------|
| Decorative                | C13 | Hospital | New | 1   | 120 |  | 120   |
| Decorative                | C14 | Hospital | New | 1   | 10  |  | 10    |
| Decorative                | C15 | Hospital | New | 3   | 15  |  | 45    |
| Decorative                | C16 | Hospital | New | 48  | 10  |  | 480   |
| Decorative                | C17 | Hospital | New | 14  | 15  |  | 210   |
| Decorative                | C18 | Hospital | New | 1   | 30  |  | 30    |
| Decorative                | C19 | Hospital | New | 3   | 30  |  | 90    |
| Direct / indirect pendant | K   | Hospital | New | 26  | 30  |  | 780   |
| Troffer                   | A   | Hospital | New | 36  | 58  |  | 2,088 |
| Troffer                   | A1  | Hospital | New | 16  | 55  |  | 880   |
| Troffer                   | B   | Hospital | New | 84  | 36  |  | 3,024 |
| Recessed downlight        | D   | Hospital | New | 231 | 16  |  | 3,696 |
| Recessed downlight        | D1  | Hospital | New | 29  | 11  |  | 319   |
| Recessed downlight        | U1  | Hospital | New | 173 | 10  |  | 1,730 |
| Recessed downlight        | C9  | Hospital | New | 15  | 10  |  | 150   |
| Wall-mounted              | M   | Hospital | New | 9   | 55  |  | 495   |
| Wall-mounted              | N   | Hospital | New | 4   | 53  |  | 212   |
| Wall-mounted              | U3  | Hospital | New | 36  | 30  |  | 1,080 |
| Other fixture type        | H   | Hospital | New | 38  | 38  |  | 1,444 |
| Other fixture type        | H1  | Hospital | New | 2   | 98  |  | 196   |
| Other fixture type        | U4  | Hospital | New | 104 | 7   |  | 728   |
| Other fixture type        | U5  | Hospital | New | 34  | 28  |  | 952   |
| Other fixture type        | U6  | Hospital | New | 34  | 60  |  | 2,040 |

| Project Title             | Wesley Bradley Park Phase 2 - Care Center - 2021 WSEC                            |                                  |           |                                                        |                           | Date | Dec 03, 2024 |
|---------------------------|----------------------------------------------------------------------------------|----------------------------------|-----------|--------------------------------------------------------|---------------------------|------|--------------|
| Proposed Fixtures Details |                                                                                  | NEW BUILDING - INTERIOR LIGHTING |           |                                                        |                           |      |              |
| Fixture Type/Application  | Fixture ID                                                                       | Location in Documents            | Lamp Type | Building Area                                          | New or Existing-to-Remain |      |              |
| Individual Fixtures       |                                                                                  |                                  |           |                                                        |                           |      |              |
| Decorative                | U2                                                                               | E1.1A & E1.1B                    | LED       | Hospital                                               | New                       |      |              |
|                           | Fixture Description: U2                                                          |                                  |           | Are these fixtures located within a daylight zone?: No |                           |      |              |
|                           | Do these fixtures require specific application lighting controls?: None required |                                  |           |                                                        |                           |      |              |
| Decorative                | C1                                                                               | E1.1A & E1.1B                    | LED       | Hospital                                               | New                       |      |              |
|                           | Fixture Description: 24" Pendant                                                 |                                  |           | Are these fixtures located within a daylight zone?: No |                           |      |              |
|                           | Do these fixtures require specific application lighting controls?: None required |                                  |           |                                                        |                           |      |              |
| Decorative                | C2                                                                               | E1.1A & E1.1B                    | LED       | Hospital                                               | New                       |      |              |
|                           | Fixture Description: 19" Pendant                                                 |                                  |           | Are these fixtures located within a daylight zone?: No |                           |      |              |
|                           | Do these fixtures require specific application lighting controls?: None required |                                  |           |                                                        |                           |      |              |
| Decorative                | C3                                                                               | E1.1A & E1.1B                    | LED       | Hospital                                               | New                       |      |              |
|                           | Fixture Description: 36" Pendant                                                 |                                  |           | Are these fixtures located within a daylight zone?: No |                           |      |              |
|                           | Do these fixtures require specific application lighting controls?: None required |                                  |           |                                                        |                           |      |              |
| Decorative                | C4                                                                               | E1.1A & E1.1B                    | LED       | Hospital                                               | New                       |      |              |
|                           | Fixture Description: 30" flush mounted                                           |                                  |           | Are these fixtures located within a daylight zone?: No |                           |      |              |
|                           | Do these fixtures require specific application lighting controls?: None required |                                  |           |                                                        |                           |      |              |
| Decorative                | C5                                                                               | E1.1A & E1.1B                    | LED       | Hospital                                               | New                       |      |              |
|                           | Fixture Description: 18" pendant                                                 |                                  |           | Are these fixtures located within a daylight zone?: No |                           |      |              |
|                           | Do these fixtures require specific application lighting controls?: None required |                                  |           |                                                        |                           |      |              |
| Decorative                | C6                                                                               | E1.1A & E1.1B                    | LED       | Hospital                                               | New                       |      |              |
|                           | Fixture Description: 36" Pendant                                                 |                                  |           | Are these fixtures located within a daylight zone?: No |                           |      |              |
|                           | Do these fixtures require specific application lighting controls?: None required |                                  |           |                                                        |                           |      |              |
| Decorative                | C7                                                                               | E1.1A & E1.1B                    | LED       | Hospital                                               | New                       |      |              |

|                           |                                                                                                                              |               |     |                                                                                                                         |     |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------|-----|-------------------------------------------------------------------------------------------------------------------------|-----|
|                           | Fixture Description: Vanity Light                                                                                            |               |     | Are these fixtures located within a daylight zone?: No                                                                  |     |
|                           | Do these fixtures require specific application lighting controls?: None required                                             |               |     |                                                                                                                         |     |
| Decorative                | C8                                                                                                                           | E1.1A & E1.1B | LED | Hospital                                                                                                                | New |
|                           | Fixture Description: Glass panel Light                                                                                       |               |     | Are these fixtures located within a daylight zone?: No                                                                  |     |
|                           | Do these fixtures require specific application lighting controls?: None required                                             |               |     |                                                                                                                         |     |
| Decorative                | C10                                                                                                                          | E1.1A & E1.1B | LED | Hospital                                                                                                                | New |
|                           | Fixture Description: 46" Surface Fixture                                                                                     |               |     | Are these fixtures located within a daylight zone?: No                                                                  |     |
|                           | Do these fixtures require specific application lighting controls?: None required                                             |               |     |                                                                                                                         |     |
| Decorative                | C13                                                                                                                          | E1.1A & E1.1B | LED | Hospital                                                                                                                | New |
|                           | Fixture Description: Linear cove                                                                                             |               |     | Are these fixtures located within a daylight zone?: No                                                                  |     |
|                           | Do these fixtures require specific application lighting controls?: None required                                             |               |     |                                                                                                                         |     |
| Decorative                | C14                                                                                                                          | E1.1A & E1.1B | LED | Hospital                                                                                                                | New |
|                           | Fixture Description: 4" Sconce                                                                                               |               |     | Are these fixtures located within a daylight zone?: No                                                                  |     |
|                           | Do these fixtures require specific application lighting controls?: None required                                             |               |     |                                                                                                                         |     |
| Decorative                | C15                                                                                                                          | E1.1A & E1.1B | LED | Hospital                                                                                                                | New |
|                           | Fixture Description: Lighted Mirror                                                                                          |               |     | Are these fixtures located within a daylight zone?: No                                                                  |     |
|                           | Do these fixtures require specific application lighting controls?: None required                                             |               |     |                                                                                                                         |     |
| Decorative                | C16                                                                                                                          | E1.1A & E1.1B | LED | Hospital                                                                                                                | New |
|                           | Fixture Description: Tape light                                                                                              |               |     | Are these fixtures located within a daylight zone?: No                                                                  |     |
|                           | Do these fixtures require specific application lighting controls?: None required                                             |               |     |                                                                                                                         |     |
| Decorative                | C17                                                                                                                          | E1.1A & E1.1B | LED | Hospital                                                                                                                | New |
|                           | Fixture Description: 48" Linear Fixture                                                                                      |               |     | Are these fixtures located within a daylight zone?: No                                                                  |     |
|                           | Do these fixtures require specific application lighting controls?: None required                                             |               |     |                                                                                                                         |     |
| Decorative                | C18                                                                                                                          | E1.1A & E1.1B | LED | Hospital                                                                                                                | New |
|                           | Fixture Description: Linear Fixture                                                                                          |               |     | Are these fixtures located within a daylight zone?: No                                                                  |     |
|                           | Do these fixtures require specific application lighting controls?: None required                                             |               |     |                                                                                                                         |     |
| Decorative                | C19                                                                                                                          | E1.1A & E1.1B | LED | Hospital                                                                                                                | New |
|                           | Fixture Description: Pool Cove                                                                                               |               |     | Are these fixtures located within a daylight zone?: No                                                                  |     |
|                           | Do these fixtures require specific application lighting controls?: None required                                             |               |     |                                                                                                                         |     |
| Direct / indirect pendant | K                                                                                                                            | E1.0A         | LED | Hospital                                                                                                                | New |
|                           | Fixture Description: Pool Lighting                                                                                           |               |     | Are these fixtures located within a daylight zone?: No                                                                  |     |
|                           | Do these fixtures require specific application lighting controls?: None required                                             |               |     |                                                                                                                         |     |
| Troffer                   | A                                                                                                                            | E1.0A         | LED | Hospital                                                                                                                | New |
|                           | Fixture Description: Flat Panel                                                                                              |               |     | Are these fixtures located within a daylight zone?: No                                                                  |     |
|                           | Do these fixtures require specific application lighting controls?: General display/accent lighting, occupancy or time switch |               |     |                                                                                                                         |     |
| Troffer                   | A1                                                                                                                           | E1.0A         | LED | Hospital                                                                                                                | New |
|                           | Fixture Description: Basket Troffer                                                                                          |               |     | Are these fixtures located within a daylight zone?: No                                                                  |     |
|                           | Do these fixtures require specific application lighting controls?: General display/accent lighting, occupancy or time switch |               |     |                                                                                                                         |     |
| Troffer                   | B                                                                                                                            | E1.1A & E1.1B | LED | Hospital                                                                                                                | New |
|                           | Fixture Description: 2x2 Troffer                                                                                             |               |     | Are these fixtures located within a daylight zone?: No                                                                  |     |
|                           | Do these fixtures require specific application lighting controls?: General display/accent lighting, occupancy or time switch |               |     |                                                                                                                         |     |
| Recessed downlight        | D                                                                                                                            | E1.0A         | LED | Hospital                                                                                                                | New |
|                           | Fixture Description: 4" downlight                                                                                            |               |     | Are these fixtures located within a daylight zone?: No                                                                  |     |
|                           | Do these fixtures require specific application lighting controls?: None required                                             |               |     |                                                                                                                         |     |
| Recessed downlight        | D1                                                                                                                           | E1.1B         | LED | Hospital                                                                                                                | New |
|                           | Fixture Description: 4" downlight                                                                                            |               |     | Are these fixtures located within a daylight zone?: Yes, controls provided                                              |     |
|                           | Daylight zone location(s):                                                                                                   |               |     | Do these fixtures require specific application lighting controls?: Lighting for non-human life forms, dedicated control |     |
| Recessed downlight        | U1                                                                                                                           | E1.1A & E1.1B | LED | Hospital                                                                                                                | New |
|                           | Fixture Description: U1                                                                                                      |               |     | Are these fixtures located within a daylight zone?: No                                                                  |     |

|                    |                                                                                                                              |               |              |                                                        |     |
|--------------------|------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|--------------------------------------------------------|-----|
|                    | Do these fixtures require specific application lighting controls?: None required                                             |               |              |                                                        |     |
| Recessed downlight | C9                                                                                                                           | E1.1A & E1.1B | LED          | Hospital                                               | New |
|                    | Fixture Description: wall wash                                                                                               |               |              | Are these fixtures located within a daylight zone?: No |     |
|                    | Do these fixtures require specific application lighting controls?: None required                                             |               |              |                                                        |     |
| Wall-mounted       | M                                                                                                                            | E1.0A         | LED          | Hospital                                               | New |
|                    | Fixture Description: Stair Fixture                                                                                           |               |              | Are these fixtures located within a daylight zone?: No |     |
|                    | Do these fixtures require specific application lighting controls?: General display/accent lighting, occupancy or time switch |               |              |                                                        |     |
| Wall-mounted       | N                                                                                                                            | E1.0A         | LED          | Hospital                                               | New |
|                    | Fixture Description: N                                                                                                       |               |              | Are these fixtures located within a daylight zone?: No |     |
|                    | Do these fixtures require specific application lighting controls?: None required                                             |               |              |                                                        |     |
| Wall-mounted       | U3                                                                                                                           | E1.1A & E1.1B | LED          | Hospital                                               | New |
|                    | Fixture Description: U3                                                                                                      |               |              | Are these fixtures located within a daylight zone?: No |     |
|                    | Do these fixtures require specific application lighting controls?: Medical/dental task lighting, manual control              |               |              |                                                        |     |
| Other fixture type | H                                                                                                                            | E1.1B         | LED          | Hospital                                               | New |
|                    | Fixture Description: 4' Strip Light                                                                                          |               |              | Are these fixtures located within a daylight zone?: No |     |
|                    | Do these fixtures require specific application lighting controls?: General display/accent lighting, occupancy or time switch |               |              |                                                        |     |
| Other fixture type | H1                                                                                                                           | E1.1b         | LED          | Hospital                                               | New |
|                    | Fixture Description: 8' Strip Fixture                                                                                        |               |              | Are these fixtures located within a daylight zone?: No |     |
|                    | Do these fixtures require specific application lighting controls?: General display/accent lighting, occupancy or time switch |               |              |                                                        |     |
| Other fixture type | U4                                                                                                                           | E1.1A & E1.1B | LED          | Hospital                                               | New |
|                    | Fixture Description: U4                                                                                                      |               |              | Are these fixtures located within a daylight zone?: No |     |
|                    | Do these fixtures require specific application lighting controls?: Medical/dental task lighting, manual control              |               |              |                                                        |     |
| Other fixture type | U5                                                                                                                           | E1.1A & E1.1B | LED          | Hospital                                               | New |
|                    | Fixture Description: UnderCabinet Light                                                                                      |               |              | Are these fixtures located within a daylight zone?: No |     |
|                    | Do these fixtures require specific application lighting controls?: Medical/dental task lighting, manual control              |               |              |                                                        |     |
| Other fixture type | U6                                                                                                                           | E1.1A & E1.1B | Incandescent | Hospital                                               | New |
|                    | Fixture Description: Heat Lamp                                                                                               |               |              | Are these fixtures located within a daylight zone?: No |     |
|                    | Do these fixtures require specific application lighting controls?: None required                                             |               |              |                                                        |     |

|                                   |                                                              |  |                            |                                |                     |
|-----------------------------------|--------------------------------------------------------------|--|----------------------------|--------------------------------|---------------------|
| <b>Project Title</b>              | <b>Wesley Bradley Park Phase 2 - Care Center - 2021 WSEC</b> |  |                            | <b>Date</b>                    | <b>Dec 03, 2024</b> |
| <b>Lighting Power Calculation</b> | <b>NEW BUILDING - EXTERIOR LIGHTING</b>                      |  |                            | <b>Compliance Verification</b> | <b>COMPLIES</b>     |
| <b>Exterior Lighting Zone</b>     | <b>ZONE 2</b>                                                |  | <b>Base Site Allowance</b> |                                | <b>280</b>          |

| Exterior Lighting Power Allowance |                              |                   |                |                  |                |                                              |                   |
|-----------------------------------|------------------------------|-------------------|----------------|------------------|----------------|----------------------------------------------|-------------------|
| Exterior Surface                  | Surface Sub-Type             | Surface Area (SF) | LPA (Watts/SF) | Linear Feet (LF) | LPA (Watts/LF) | Total Watts Allowed (LPA x SF) or (LPA x LF) | Compliance Status |
| Building entrances and exits      | Pedestrian entrances & exits |                   |                | 500              | 9.8            | 4,900                                        |                   |
| Base Site Allowance               |                              |                   |                |                  |                | 280                                          |                   |
| <b>Totals</b>                     |                              |                   |                |                  |                | <b>5,180</b>                                 | <b>COMPLIES</b>   |

| Proposed Exterior Lighting Power Density |            |                                                             |                           |                                          |                        |                              |                                                |
|------------------------------------------|------------|-------------------------------------------------------------|---------------------------|------------------------------------------|------------------------|------------------------------|------------------------------------------------|
| Fixture Type                             | Fixture ID | Exterior Surface Type                                       | Quantity of Fixtures (#F) | Watts or Wattage Limit per Fixture (WpF) | Total Linear Feet (LF) | Watts per Linear Foot (WpLF) | Total Watts Proposed (#F x WpF) or (LF x WpLF) |
| <b>Individual Fixtures</b>               |            |                                                             |                           |                                          |                        |                              |                                                |
| Canopy                                   | CC         | Building entrances and exits - Pedestrian entrances & exits | 20                        | 15                                       |                        |                              | 300                                            |
| Wall-mounted                             | BB         | Building entrances and exits - Pedestrian entrances & exits | 20                        | 15                                       |                        |                              | 300                                            |
| Wall-mounted                             | AA         | Building entrances and exits - Pedestrian entrances & exits | 10                        | 12                                       |                        |                              | 120                                            |

|  |                           |            |
|--|---------------------------|------------|
|  | <b>Proposed Total LPD</b> | <b>720</b> |
|--|---------------------------|------------|